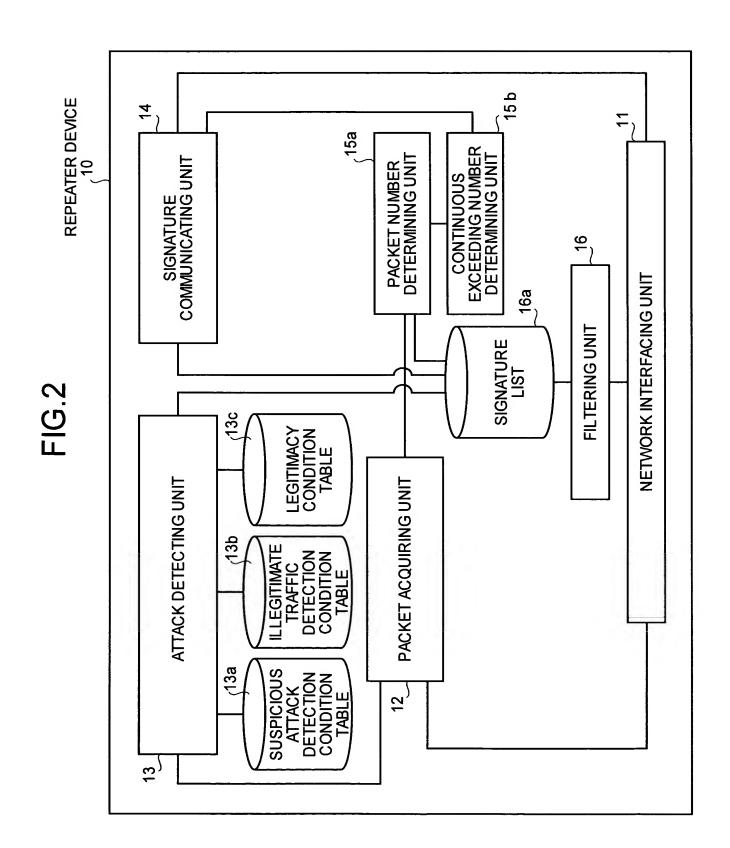


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FIG.3

SUSPICIOUS ATTACK DETECTION CONDITION TABLE 13a

NO.	DETECTION ATTRIBUTES	DETECTION THRESHOLD	DETECTION TIME
1	{Dst=192.168.1.1/32,Protocol=TCP,Port=80}	500 Kbps	10 SECONDS
2	{Dst=192.168.1.2/32,Protocol=UDP}	300 Kbps	10 SECONDS
3	{Dst=192.168.1.1/24}	1000 Kbps	20 SECONDS
:			

FIG.4

ILLEGITIMATE TRAFFIC DETECTION CONDITION TABLE _13b

NO.	ILLEGITIMATE TRAFFIC CONDITIONS	
1	PACKETS AT OR MORE ARE CONTINUOUSLY TRANSMITTED FOR S1 SECONDS OR MORE	
2	ICMP/Echo Reply PACKETS AT T2 Kbps OR MORE ARE CONTINUOUSLY TRANSMITTED FOR S2 SECONDS OR MORE	
3	FRAGMENT PACKETS AT T3 Kbps OR MORE ARE CONTINUOUSLY TRANSMITTED FOR S3 SECONDS OR MORE	
:		

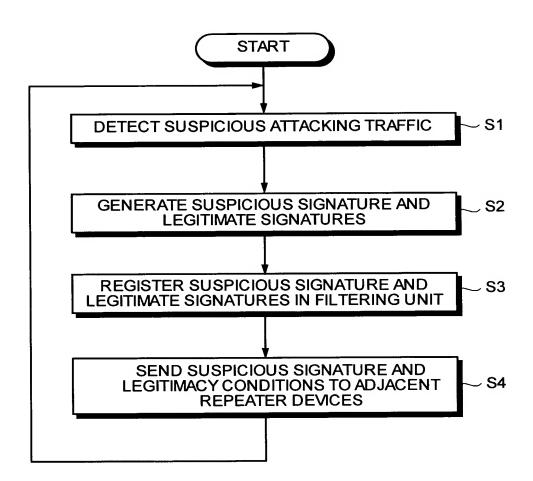
FIG.5

LEGITIMACY CONDITION TABLE

ر¹³⁰

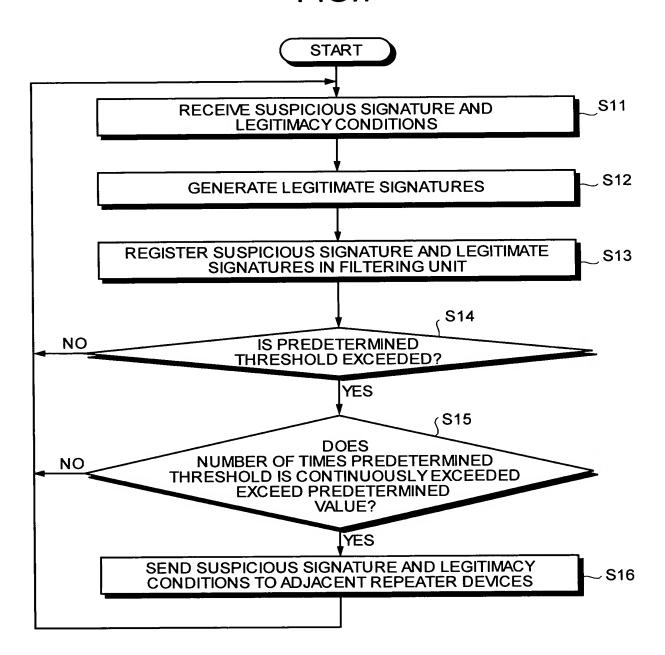
NO.	DETECTION ATTRIBUTES	
1	{Src=172.16.10.0/24}	
2	{TOS=0×01}	
i		

FIG.6



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FIG.7



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FIG.8

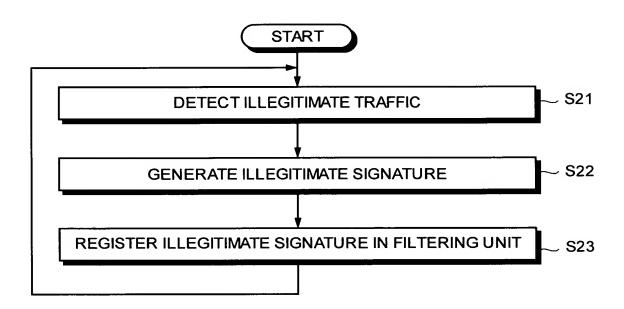
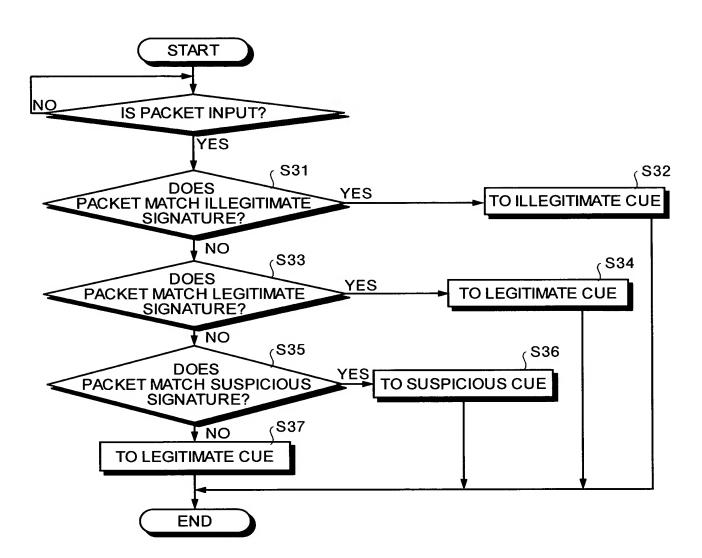


FIG.9

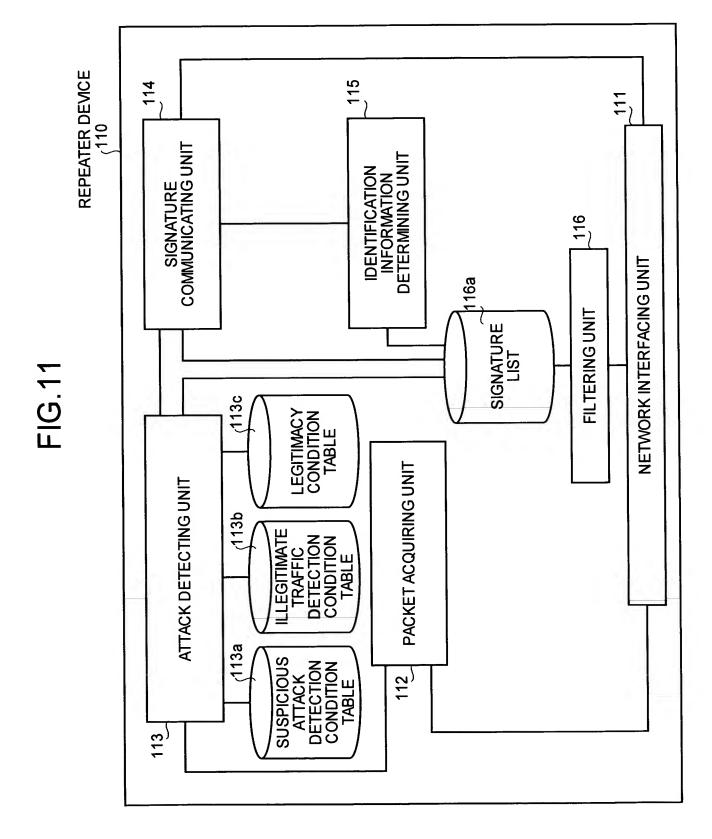


SERVER

ATTACK VICTIM

FIG. 10

NETWORK ATTACK PROTECTION SYSTEM



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FIG.12

SUSPICIOUS ATTACK DETECTION CONDITION TABLE /113a

NO.	DETECTION ATTRIBUTES	DETECTION THRESHOLD	DETECTION TIME
1	{Dst=192.168.1.1/32,Protocol=TCP,Port=80}	500 Kbps	10 SECONDS
2	{Dst=192.168.1.2/32,Protocol=UDP}	300 Kbps	10 SECONDS
3	{Dst=192.168.1.1/24}	1000 Kbps	20 SECONDS
:			

FIG.13

ILLEGITIMATE TRAFFIC DETECTION CONDITION TABLE __113b

NO.	ILLEGITIMATE TRAFFIC CONDITIONS	
1	PACKETS AT OR MORE ARE CONTINUOUSLY TRANSMITTED FOR S1 SECONDS OR MORE	
2	ICMP/Echo Reply PACKETS AT T2 Kbps OR MORE ARE CONTINUOUSLY TRANSMITTED FOR S2 SECONDS OR MORE	
3	FRAGMENT PACKETS AT T3 Kbps OR MORE ARE CONTINUOUSLY TRANSMITTED FOR S3 SECONDS OR MORE	
÷		

FIG.14

LEGITIMACY CONDITION TABLE

£113c

NO.	DETECTION ATTRIBUTES	
1	{Src=172.16.10.0/24}	
2	{TOS=0×01}	
÷		

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FIG.15

SIGNATURE LIST 116a

5

SIGNATURE	IDENTIFICATION INFORMATION	DOWNSTREAM NODE	UPSTREAM NODE
SIGNATURE A	(···,···,···,···)	REPEATER DEVICE 10-2	REPEATER DEVICE 10-5,10-6
SIGNATURE B	(···,···,···,···)	REPEATER DEVICE 10-3	REPEATER DEVICE 10-5,10-6
:	:	:	:

FIG.16

. IDENTIFICATION INFORMATION _ . {LOCAL ALERT ID,ENGINE-TYPE,ENGINE-ID,NODE-ID}

· LOCAL ALERT ID:IDENTIFIER OF UNIQUE ALERT IN ANALYSIS ENGINE

• ENGINE-TYPE: IDENTIFIER OF ANALYSIS ENGINE TYPE

• ENGINE-ID: IDENTIFIER OF SAME ANALYSIS ENGINE BELONGING TO SAME

MITIGATION

NODE-ID: NODE IDENTIFIER OF MITIGATION TO WHICH ANALYSIS ENGINE

BELONGS

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FIG.17

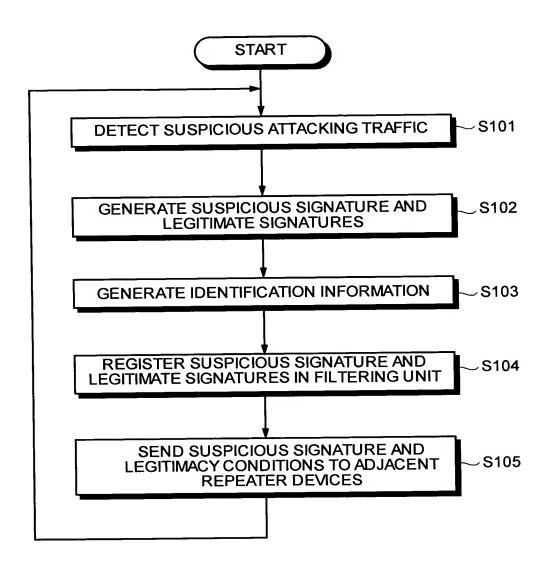
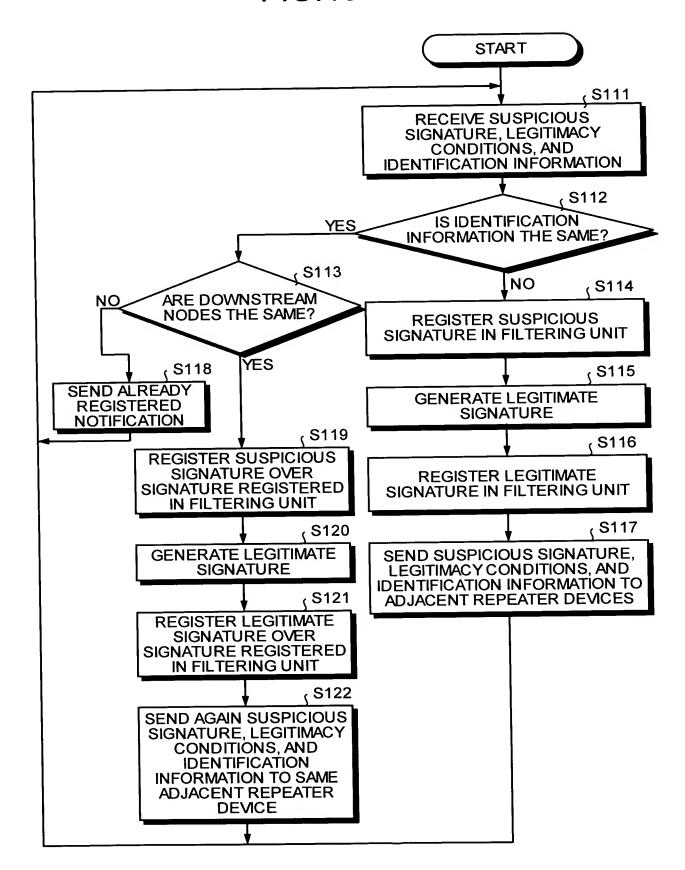


FIG.18



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FIG.19

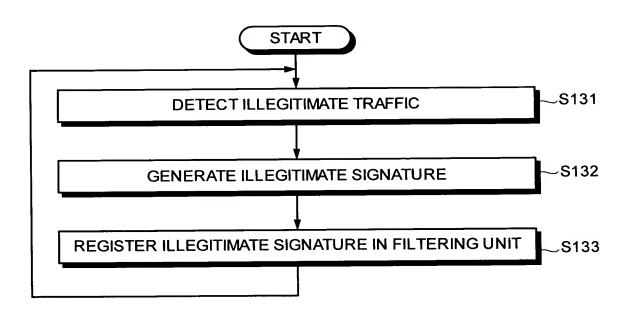
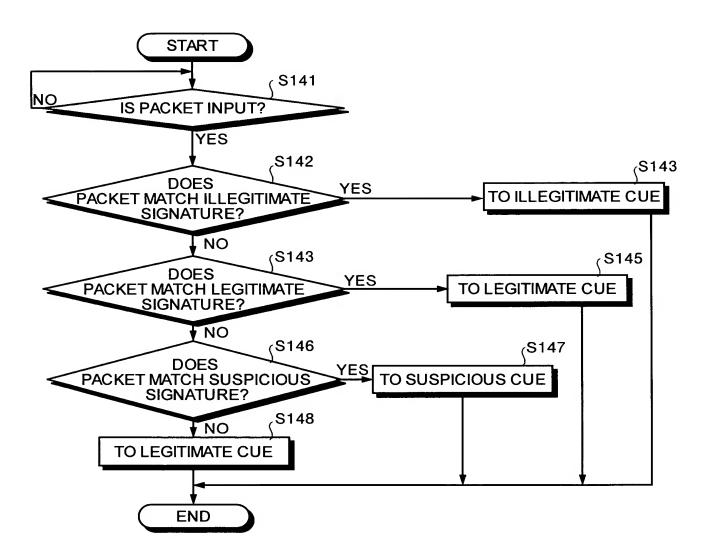


FIG.20



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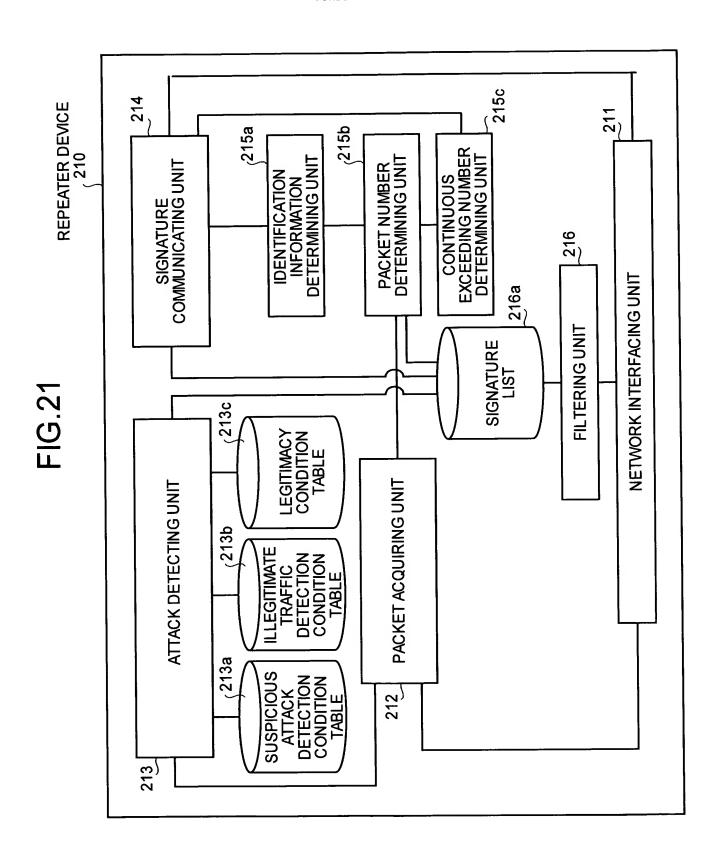


FIG.22

